Claims

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- 1. A mobile communications device comprising:
- a wireless transceiver comprising means for receiving at least one of timing information and location information from a cellular communications network, and
 - a second wireless transceiver comprising means for transmitting said at least one of the said timing information and location information to an adjacent GPS device.
- 10 2. A GPS device comprising:
 - a GPS receiver comprising means for receiving a GPS signal;
 - a wireless transceiver comprising means for receiving from an adjacent device at least one of timing information and location information; and
 - a GPS positional estimator for providing a positional estimate dependent on said received GPS signal and at least one of the said timing information and location information.
- 20 3. A GPS device as claimed in claim 2, in combination with said adjacent device, the adjacent device being a mobile mobile communications communications device, the wireless transceiver comprising means comprising a receiving at least one of the said timing information and location information from a cellular communications network. 25
 - 4. A combination as claimed in claim 3, wherein the mobile communications device further comprises a second wireless communications transceiver comprising means for transmitting said at least one of the said timing information and location information to an adjacent GPS device.
 - 5. A combination of the mobile communications device as claimed in claim 1 and a GPS device, wherein the GPS device

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comprises a GPS communications receiver for receiving a GPS signal.

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- 6. A combination as claimed in claim 5, wherein the GPS device further comprises a wireless transceiver for receiving the at least one of the said timing information and location information from the adjacent mobile communications device.
- 7. A combination as claimed in claim 6, wherein the GPS device further comprises a GPS positional estimator for providing a positional estimate dependent on the received GPS signal and at least one of the said timing information and location information.
- 15 8. A combination as claimed in claims 3 to 7 wherein the GPS device wireless transceiver further comprises means for directly transmitting said positional estimate to the mobile communications device.
- 20 9. A combination as claimed in claim 8 when appended to claims 1 or 4 to 7wherein the mobile communications device further comprises:

the second wireless transceiver comprising means for receiving the said positional estimate.

- 10. A combination as claimed in claim 9, wherein the mobile device further comprises a display for displaying said received positional estimate to the user.
- 30 11. A combination as claimed in claims 9, wherein said mobile communications device wireless transceiver is arranged to transmit the received positional estimates over said cellular communications network.

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- 12. A combination as claimed in claims 3 to 11, wherein said communications device is arranged to provide a position estimate based on the at least one of the said timing information and said location information.
- 13. A combination as claimed in claims 3 to 12, further comprising a memory, wherein said positional estimates are stored in said memory.

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- 14. A combination as claimed in claim 13 when appended to claims 3 to 7, wherein said mobile communications device wireless transceiver is arranged to transmit at least one of the positional estimates stored in said memory over said cellular communications network.
- 15. A combination as claimed in claims 4 or 6, wherein the GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over an enhanced synchronised connection orientated (eSCO) communication channel.
- 16. A combination as claimed in claims 4 and 6, wherein the GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over a synchronised short range wireless communication channel.
- 17. A combination as claimed in claims 4 and 6, wherein the 30 GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over a fixed delay short range wireless communication channel.

- 18. A combination as claimed in claims 16 and 17, wherein the communication channel is a Bluetooth communications channel.
- 19. A combination as claimed in claims 4 and 6, wherein the 5 mobile communications device second wireless transceiver and the GPS wireless transceiver is at least one of:
 - a Bluetooth transceiver;
 - a IrDA transceiver;
 - a IEE 802.11 transceiver.

- 20. A combination as claimed in claim 4 and 6, wherein the at least the said timing information and location information comprises at least one of:
 - a base transceiver station timing signal;
- 15 a base transceiver station positional estimate.
- 21. A combination as claimed in claims 3 to 30, wherein 20 the GPS device further comprises a connector and the mobile communications device further comprises a connector, wherein the GPS device connector is physically connected to the mobile device connector.
- 25 22. A mobile communications device of claim 1 or a combination as claimed in claims 3 to 22 wherein the mobile communications device wireless transceiver is at least one of:
 - a GSM transceiver;
 - a WCDMA transceiver;
- 30 a UMTS transceiver;
 - a CDMA2000 transceiver.

23. A GPS device as claimed in claim 2 or a combination as claimed in claims 3 to 21 further comprising an indicator, said indicator comprising at least one of:

at least one LED;

- 5 a buzzer.
 - 24. A GPS device as claimed in claim 2 or a combination as claimed in claims 3 to 21, further comprising a switch arranged to switch said GPS device on and off.

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- 25. A GPS device as claimed in claim 2 or a combination as claimed claims 3 to 21, further comprising a battery arranged to provide a power source for said GPS device.
- 15 26. A method of providing a GPS estimate comprising the steps of:

receiving a GPS signal on a GPS device;

receiving at least one of timing information and location information from a cellular communications network on an mobile communications device, the mobile communications device being located at substantially the same location as the GPS device;

producing a further signal dependent on the said timing information and location information signal;

25 transmitting the further signal over a wireless communications link to the GPS device;

determining a positional estimate dependent on the received GPS signal and the third signal on the GPS device

30 27. A method as claimed in claim 24 further comprising the step of transmitting said determined positional estimate over the wireless communications link to the mobile communications device.

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28. A method as claimed in claim 27 further comprising the steps of:

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receiving the positional estimate on the mobile communications device via said wireless communications link;

- displaying the received positional estimate on the mobile communications device.
 - 29. A method as claimed in claim 27 or 28, further comprising the steps of;
- storing the received positional estimate in a memory; transmitting the stored positional estimate over the cellular communications network.